

Description of the JPSS Poster for the 2017 NOAA Testbeds and Proving Grounds

Title: NOAA's Joint Polar Satellite System's Proving Ground and Risk Reduction (PGRR) Program – PGRR Projects Focusing JPSS Capabilities on Increasingly Complex Environmental Challenges.

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The PGRR Program in its sixth year, has successfully maintained an environment where product developers work hand-in-hand with product users to determine how best to respond to real world environmental events. Examples of 2016 successes will be presented. The Fire and Smoke Initiative teams have successfully assimilated the JPSS Fire Radiative Power product into NOAA's High-Resolution Rapid Refresh Model providing superb initial conditions for the model run. The NOAA Unique Combined Atmospheric Processing System (NUCAPS) Initiative Team responded to user feedback during the 2015 product evaluation and made changes to the NUCAPS algorithm that received high praise during the 2016 evaluation. An Arctic Initiative was created to determine what JPSS data or products could be focused this NOAA mission area that is continuing to receive high-level attention. Information will be provided on the PGRR Call-for-Proposals planned in late 2017.